Poster Session 1 (Tuesday, October 24, 2006)

P1.1. **CFS Retrospective Forecast Daily Climatology in the EMC/NCEP NOMAD public server.** *Åke Johansson, Catherine Thiaw and Suranjana Saha*

P1.2. **The Impact of Air-Sea Interaction on Tropical Intraseasonal Variability in the CFS.** *Kathy Pegion, Ben P. Kirtman and J. Shukla*

P1.3. **Probabilistic Crop Yield Forecasts using the Upgraded FSU Regional Spectral Model.** *D. W. Shin, J. Bellow, S. Cocke, T. E. LaRow, and J. J. O'Brien*

P1.4. **Engaging Climate Prediction Community – Momentum from NOAA 4th Climate Prediction Application Science Workshop.** *Jiayu Zhou*

P1.5. **Interannual and Intraseasonal Variability in the CFS Interactive Ensemble.** *Kathy Pegion and Ben P. Kirtman*

P1.6. **Recent Developments in the CPC Experimental Global Tropics Hazard Assessment.** *Jon Gottschalck, Vern Kousky and Wayne Higgins*

P1.7. **Applying Noah LSM in NASA-NCEP Land Information System (LIS) to Provide a Realtime and 25-year Retrospective Global Land Data Base for Climate Model Impact Studies in the NOAA-NCEP Climate Test Bed.** *Jesse Meng, Kenneth Mitchel Rongqian Yang, Jon Gottschalck, and Christa Peters-Lidard*

P1.8. **Assessing the NCEP CFS Model Bias Associated with the Marine Stratus Cloud Cover over the Southeastern Pacific.** *Pingping Xie, Wanqui Wang Wayne Higgins M. Cronin, P.A. Arkin, and R. Weller*

P1.9. **The importance of stochastic forcing in limiting CFS predictability.** *Cristiana Stan, Ben P. Kirtman and David M. Straus*

P1.10. **Consolidation of Multi Method Forecasts of SST.** *Malaquias Peña, Huug van den Dool, David Unger, Peitao Peng*

P1.11. **Consolidation of CPC Seasonal Forecast Tools with Ridging Regression Method.** *Peitao Peng, Huug van den Dool, Dave Unger and Malaquias Pena*

P1.12. Prospects for Forecast of Cumulative Precipitation at Subseasonal Time Scales over the Sahel with the NCEP Climate Forecasting System: /Assessment of the skill of operational forecast during the 2006 monsoon period. *Augustin Vintzileos and Wassila Thiaw*

P1.13. What You Should Know about Correlations for Studies of Climate Variability and Prediction. *Robert Livezey and Marina Timofeyeva*

P1.14. Predictable Patterns of the Asian and Indo-Pacific Climate in NCEP CFS. *Jianyin Liang, Song Yang, Zeng-Zhen Hu Bohua Huang, Vernon Kousky, and Arun Kumar*

P1.15. Towards a Comprehensive Assessment of the Performance of NCEP CFS in Simulating and Predicting the Climate over Asia and the Indo-Pacific Ocean. *Song Yang, Jianyin Liang, Soo-Hyun Yoo, Zuqiang Zhang, Wayne Higgins, Zeng-Zhen Hu, Bohua Huang, Vernon Kousky, and Arun Kumar*

P1.16. NCEP's Climate Forecast System Models: T62 vs. T126: Mean State, Seasonal Cycle, ENSO Characteristics and the Impacts of Atmospheric Stochastic Forcings on ENSO. *Yan Xue, Kyong-Hwan Seo and Boyin Huang*

P1.17. Seasonal Precipitation Predictions over North America using the Eta Regional Climate Model. *Rongqian Yang and Kenneth Mitchell*

P1.18. A successful story in predicting NAM events by the operational NCEP's GFS model. *Ming Cai, Chulsu Shin, and H. M. van den Dool*

P1.19. NCEP regional climate forecast by NCEP RSM model. *Jun Wang and Hann-Ming Henry Juang*

P1.20. Statistics related to the merging of short and long lead precipitation predictions in the continental U.S. *Andrew W. Wood*

P1.21. Sea ice for NCEP Climate Forecast System. *Xingren Wu, Jiande Wang, Dave Behringer and Hua-Lu Pan*

P1.22. Evaluation on the simulation of MOM4 coupled to an ice model. *Jiande Wang, Xinreng Wu and David Behringer*

P1.23. Seasonal Cycle of the Upper Tropical Pacific Ocean in Global Ocean Data Assimilation Systems. *Boyin Huang and Yan Xue*

P1.24. Evaluation of CFS-tier2 forecasts with bias-corrected SST. *J. Schemm, K.Seo, Q. Zhang and M. L'Heureux*

Poster Session 2 (Wednesday, October 25, 2006)

P2.1. Timescale-Dependent Characteristics of U.S. Precipitation Anomalies. *Yundi Jiang and Song Yang*

P2.2. An Analysis of Global Land Monthly Precipitation Climatology Using Gauge Observations and Satellite Estimates. *Mingyue Chen, Pingping Xie, John E. Janowiak, and Vernon E. Kousky*

P2.3. Variability of Daily Precipitation over South America: Data and Applications. *Wei Shi, Viviane B.S. Silva, Vernon E. Kousky and Mingyue Chen*

P2.4. Exploring a Dipole in Caribbean and Pacific Heat Storage That May Modulate TC Activity and Intraseasonal Rainfall Variability in the NAM. *Art Douglas and Phil Englehart*

P2.5. The Atlantic Dipole Mode and Recent Flooding over West Africa. *Wassila M. Thiaw and Vadlamani Kumar*

P2.6. How Important is Air-sea Coupling in MJO Evolution? *Matthew Newman, Prashant D. Sardeshmukh, and Cecile Penland*

P2.7. Scale Interactions within the Madden-Julian Oscillation. *George N. Kiladis*

P2.8. The relationships between MJO and extra-tropical atmospheric circulation and climate in Japan. *Hirokazu Endo and Yayoi Harada*

P2.9. Modulation of Diurnal Cycle of Tropical Convective Clouds by the MJO. *Baijun Tian, Duane E. Waliser, and Eric J. Fetzer*

P2.10. Extreme events and hazards in California during winter and the Madden-Julian Oscillation. *Charles Jones and Leila Carvalho*

P2.11. Boreal winter links between the Madden-Julian Oscillation and the Arctic Oscillation. *Michelle L. L'Heureux, R. Wayne Higgins*

P2.12. Subseasonal to seasonal rainfall variability and atmospheric thermodynamic structures within the West African monsoon system. *Guojun Gu and Robert F. Adler*

P2.13. Impact of Different Boundary Conditions on the Predictability of Tropical Intraseasonal Variability (TISV). *Joshua Xiouhua Fu*

P2.14. Upper Air Temperature Variations in the Early XXI Century: Do the Updating Time Series and Varying Statistical Techniques Change the Trend Estimates? *Alexander Sterin*

P2.15. Decadal Changes in East Asian Summer Monsoon Circulation after the mid-1990s. *MinHo Kwon, Jong-Ghap Jhun, and Kwanwak-Gu*

P2.16. Hypothesized Physics of the Atlantic Thermohaline Circulation (THC) Or AMO. William M. Gray

P2.17. A Time-slice Global Warming Experiment: Possible Future Impact on East Asian Summer Monsoon. *Won-Tae Kwon, JaYeon Moon, Moon-Hyun Kim, and Kyung-On Boo*

P2.18. Understanding wintertime surface temperature trends over Asia and North America during 1950-2000. Hailin Wang, S. Schubert, Junye Chen, Max Suarez, A. Kumar, and M. P. Hoerling

P2.19. A Case Study of Temperature Trends across the United States. *Larry Brown*

P2.20. The consistent poleward expansion of the Hadley circulation in simulations of 21st century climate. *Jian Lu, Gabrial A. Vecchi.and Thomas J. Reichler*

P2.21. Decadal variations of temperature and oxygen in the northern East/Japan Sea. *Hong Sik Min, Cheol-Ho Kim and Sang-Wook Yeh*

P2.22. Comparison of 57-Year California Reanalysis Downscaling at 10km (CaRD10) with North American Regional Reanalysis. *Hideki Kanamaru and Masao Kanamitsu*

P2.23. Water and Energy Budgets of California from High-resolution Hourly Downscaled Reanalysis. *Hideki Kanamaru and Masao Kanamitsu*

P2.24. Budget study of near surface temperature over California based on California Reanalysis Downscaling at 10km. *Masao Kanamitsu and Hideki Kanamaru*

P2.25. An Experimental Drought Early Warning System based on Regional Reanalysis and Dynamical Forecasts from the Global Forecast System. *Wanru Wu, Muthuvel Chelliah and Kingtse Mo*

P2.26. Analysis of momentum budget of zonal mean flow by using isentropic representation of EP-flux. *Masashi Ujiie*

P2.27. Statistical Characterization of Spatiotemporal Variability of Soil Moisture and Vegetation in North America for Regional Climate Model Applications. *Christopher L. Castro, A. Beltran-Przekurat, and Roger A. Pielke, Sr.*

P2.28. Drought and Persistent wet Spells over the United States and Mexico. *Kingtse C. Mo , Jae Schemm and Wanru Wu*

P2.29. Land surface processes depicted by the North American Regional Reanalysis and the Noah Land Data Assimilation. *Wanru Wu and Kingtse Mo*

P2.30. Observed and Simulated Soil Moisture Variability Response to Land Surface Hydrological Processes. *Yun Fan and Huug van den Dool*

P2.31. Land Surface Hydrological Extremes and Their Relation to Precipitation, Land and Ocean Temperature Extremes. *Yun Fan and Huug van den Dool*

P2.32. NAMAP2 and the NAME Climate Process Team. *David Gutzler, Lindsey Williams, and NAMAP2 contributing modeling teams*

P2.33. The Double-ICTZ Problem in IPCC AR4 Coupled GCMs: Ocean-Atmosphere Feedback Analysis. *Jia-Lin Lin*

P2.34. The sensitivity of simulated intraseasonal variability in Tropics to change in resolution and physical parameterization scheme *Suhee Park, Young-Hwa Byun, Han-Cheol Lim, and Won-Tae Kwon*

P2.35. Investigation of the Summer Climate of North America: A study with the Regional Atmospheric Modeling System. *Christopher L. Castro, Roger A. Pielke, Sr., Jimmy O. Adegoke.*

P2.36. Interpretation of NOAA/NCEP and ECMWF week 1 and week2 products during the 2006 summer AMMA Special Observing Period : implications for the monitoring and forecasting of the late onset and breaks of the West African monsoon. *Andre Kamga Foamouhoue Anton Beljaars, Anna Agusti Panared*

P2.37. Overview of the 2006 Global Monsoons. *CPC Monsoon Working Group, Wayne Higgins, Wei Shi, Viviane B. S. Silva, Vernon E. Kousky, Wassila Thiaw, Muthuvel Chelliah, and Pingping Xie*

P2.38. Relationship between African Easterly Wave and Hurricane over the Atlantic and the America. *Man Li C. Wu, Siegfried D. Schubert, Oreste Reale, Max J. Suarez Randy Koster, and Philip Pegion*

P2.39. Monitoring Convective Systems Over the Zone of West African Monsoon . *P. C. Madu*

P2.40. Interannual variability of tropical storm counts in the eastern Pacific Ocean. *D.S. Gutzler, E.A. Ritchie, A.V. Douglas, and M.D. Lewis*

P2.41. The relationship between the North Atlantic and the Eastern North Pacific Hurricane season activities and the associated circulation changes. *Muthuvel Chelliah*

P2.42. Characteristics of Seasonal Storminess for Alaska. *Jon Gottschalck and Wayne Higgins*

P2.43. Objective Identification of Atmospheric Regimes despite nearly Gaussian Statistics. *Christian Franzke*

P2.44. Adaptive Stochastic Modeling using Data Assimilation. *James A. Hansen and Cécile Penland*

P2.45. Global spatial organization of temperature extremes. *Leila V. Carvalho, Anastasios A. Tsonis, Charles Jones, Humberto R. Rocha[1] Paulo Polito*

P2.46. Climatology of Santa Ana winds in Southern California. *Charles Jones, John Abatzoglou and Francis Fujioka*

Poster Session 3 (Thursday, October 26, 2006)

P3.1. **A Seasonal hydrologic ensemble forecasts system over the eastern US.** *Lifeng Luo, Eric F. Wood*

P3.2. **Update on West Wide Hydrologic Forecasting at the University of Washington.** *Dennis P. Lettenmaier, Andrew W. Wood, Ted Bohn, George Thomas*

P3.3. **The potential for global flood and drought prediction.** *Nathalie Voisin, Andrew Wood and Dennis P. Lettenmaier*

P3.4. **Increase in Near Surface Temperature Simulation Skill due to Predictive Soil Moisture in a Numerical Seasonal Simulation.** *Laurel DeHaan and Masao Kanamitsu*

P3.5. **Launching Phase II of NLDAS: Adding a Seasonal Prediction Component and 25-year Land Reanalysis.** *Youlong Xia , Kenneth Mitchell , Eric Wood , Dennis Lettenmaier, Lifeng Luo , Andrew Wood, Helin Wei, Brian Cosgrove, Christa Peters-Lidard John Schaake Pedro Restrepo*

P3.6. **Influence of soil moisture and snow on regional climate predictions.** *Ana Nunes and John Roads*

P3.7. **Impact of Soil Moisture on Precipitation: A Sensitivity Study with the GEOS5 AGCM.** *Randal Koster, Ping Liu, Sarith Mahanama*

P3.8. **Revised Prediction of Seasonal Atlantic Basin Hurricane Activity from August.** *Philip J. Klotzbach*

P3.9. **Prediction of Extratropical Storminess.** *Gilbert Compo, Prashant Sardeshmukh, Michael Alexander, James Scott*

P3.10. **Assessing 20th Century Tropical Cyclone Activity in the NSIPP-1 AGCM.** *Philip J. Pegion Siegfried D. Schubert, and Max J. Suarez*

P3.11. **Verification of the IRI experimental dynamical seasonal tropical cyclone forecasts**. *Suzana J. Camargo and Anthony G. Barnston*

P3.12. **Preliminary Results of High Resolution Dynamical Hurricane Seasonal Simulations**. *Steven Cocke, D.W. Shin and T.E. LaRow*

P3.13. **Ensemble forecasts starting from coupled bred vectors with NASA coupled general circulation model.** *Shu-Chih Yang, Eugenia Kalnay, Michele Rienecker and Ming Cai*

P3.14. Examination of seasonal predictability using a Perturbed-Parameter Ensemble Method. *Tosiyuki Nakaegawa and Masato Sugi*

P3.15. Overall assessment of ENSO Predictability in 12 CLIPAS and DEMETER Coupled GCM Forecasts. *Emilia K. Jin, James L. Kinter, and Bin Wang*

P3.16. The evolution of the subsurface thermal structure in the equatorial Pacific Ocean and its relationship to ENSO. *Yehui Chang, Siegfried D. Schubert and Max Suarez*

P3.17. The impact of global ocean/atmosphere coupling on the NH ENSO variability : Sensitivity to convection in the tropical Northwest Pacific. *Ileana Bladé, Matthew Newman2 Michael A. Alexander and D. S. James*

P3.18. An Alert Classification System for Monitoring and Assessing the ENSO-Cycle. *V. E. Kousky and R. W. Higgins*

P3.19. The climatology and forecast skill of the ECPC Coupled Prediction Model. *Elena Yulaeva, Masao Kanamitsu and John Roads*

P3.20. Current Status of GFDL's Seasonal / Interannual Prediction System. *W. Stern, R. Gudgel and A. Rosati*

P3.21. The Coupled Wave Oscillator: A New Mechanism for ENSO. *Jialin Lin*

P3.22. An Update on the 2-Teir Seasonal Forecast at ECPC. *Laurel DeHaan and Masao Kanamitsu*

P3.23. Use of linear discriminant methods for calibration of seasonal probability forecasts. *Andrew Colman, Richard Graham*

P3.24. An Evaluation of Multivariate Statistical Classifiers as Seasonal Forecasting Tools. *Steven A. Mauget, Jonghan Ko, and Stephen J. Maas*

P3.25. CCA Seasonal Forecast Skill in Multi-Century CGCM2 Simulations. *Amir Shabbar and Slava Kharin*

P3.26. The Met Office forecast for winter 2005/06 over Europe and the UK. *Richard Graham*

P3.27. Statistical Climate Prediction for the Interior Southwestern U.S.: Assessment of Forecast Skill From Seven Years of Experimental Seasonal Forecasts. *Klaus Wolter*

P3.28. Verification and Validation of the Australian Bureau of Meteorology's Seasonal Climate Outlook model; what the results may suggest for future Australian outlooks. *Andrew B. Watkins*

P3.29. Oceanic Skill Sources for U.S. Seasonal Climate: Old versus New AGCMs. *X.W. Quan, M.P. Hoerling, J.S. Whitaker, G. Bates, T.Y. Xu*

P3.30. A Comparison of Atmospheric Variability in Tier-1 vs. Tier-2 NCEP Climate Forecast System. *Qin Zhang, Jae Schemm Kyong-Hwan Seo, Michelle L'Heureux, Arun Kumar*

P3.31. Resolution dependence of global model in SMIP simulations. *Young-Hwa Byun, Hyun-kyung Kim, Song-You Hong, Hoon Park, Seung-On Hwang, Byung-Kwon Park, and Won-Tae Kwon*

P3.32. Dependence of internal variability on SST forcing in a large ensemble size GCM simulations. *Bhaskar Jha and Arun Kumar*

P3.33. Optimal Multi-Model Ensemble Technique in the CliPAS and DEMETER Seasonal Climate Prediction. *Jong-Seong Kug, Bom-Si-Nae Kim, and In-Sik Kang*

P3.34. Predictability of the thickness and extent of Arctic sea ice with linear models and coupled ice-ocean model simulations. *Ron Lindsay*

P3.35. Predictability on intraseasonal oscillation activity in climate prediction models. *Hyemi Kim, Jong-Seong Kug, and In-Sik Kang*

P3.36. A new cloudiness parameterization based on cloud water for seasonal numerical forecasts. *Akihiko Shimpo and Masao Kanamitsu*

P3.37. Importance of a Viable Stratosphere for Climate. Forecasts. *Craig S. Long, Shuntai Zhou, Peitao Peng, Alvin J. Miller, Melvyn Gelman*

P3.38. On Forecasting Pacific SSTs: Using a Linear Inverse Model to Predict PDO. *Ludmila Matrosova, Michael Alexander and Cécile Penland*